

[Go to Product page](#)

Datasheet for ABIN7162693

anti-PNPLA2 antibody (AA 1-504) (Biotin)

Overview

Quantity:	100 µg
Target:	PNPLA2
Binding Specificity:	AA 1-504
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPLA2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Patatin-like phospholipase domain-containing protein 2 protein (1-504AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PNPLA2
Alternative Name:	PNPLA2 (PNPLA2 Products)
Background:	Background: Catalyzes the initial step in triglyceride hydrolysis in adipocyte and non-adipocyte lipid droplets (PubMed:15550674). Also has acylglycerol transacylase activity. May act

Target Details

coordinately with LIPE/HLS within the lipolytic cascade. Regulates adiposome size and may be involved in the degradation of adiposomes (PubMed:16239926). May play an important role in energy homeostasis. May play a role in the response of the organism to starvation, enhancing hydrolysis of triglycerides and providing free fatty acids to other tissues to be oxidized in situations of energy depletion.

Aliases: 1110001C14Rik antibody, Adipose triglyceride lipase antibody, ATGL antibody, ATGL DESNUTRIN antibody, Calcium independent phospholipase A2 antibody, Calcium-independent phospholipase A2 antibody, Desnutrin antibody, EC 3.1.1.3 antibody, FP17548 antibody, IPLA2 zeta antibody, IPLA2-zeta antibody, Mutant patatin like phospholipase domain containing 2 antibody, Patatin like phospholipase domain containing 2 antibody, PATATIN LIKE PHOSPHOLIPASE DOMAIN CONTAINING PROTEIN 2 antibody, Patatin-like phospholipase domain-containing protein 2 antibody, PEDF R antibody, PHOSPHOLIPASE A2 CALCIUM INDEPENDENT ZETA antibody, Pigment epithelium derived factor antibody, Pigment epithelium-derived factor antibody, plpl antibody, plpl2 antibody, PLPL2_HUMAN antibody, Pnpla2 antibody, Transport secretion protein 2 antibody, Transport secretion protein 2.2 antibody, Transport-secretion protein 2 antibody, Triglyceride hydrolase antibody, TTS 2.2 antibody, TTS2 antibody, TTS2.2 antibody, ZETA antibody

UniProt: [Q96AD5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.